EE/CprE/SE 492 WEEKLY REPORT 11
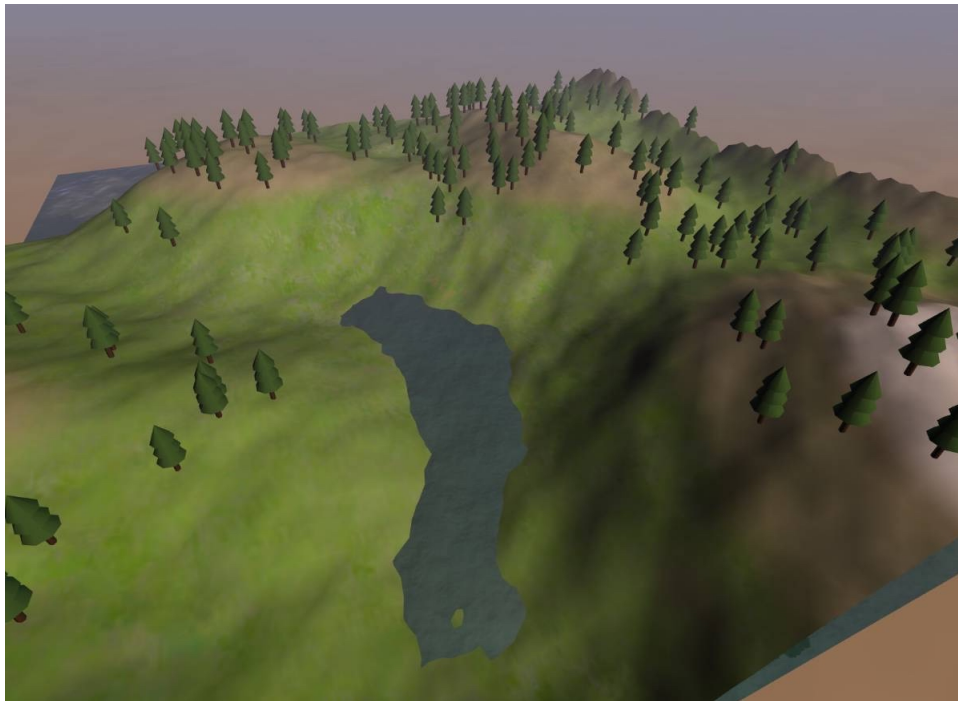*3/15 – 3/29*
Group number: 19
Project title: Take a Virtual Hike
Client &/Advisor: Mat Wymore
Team Members/Role: Trevor Nemes (Team Leader), Tyler Hassfield, Opeyemi Abass, Aashu Mallik, Akhilesh Ratnakumar, & Zian Li

Two Week Summary

We now all have our individual project parts done and working well. This includes the basic movement of walking and flying mode, sky generation, water generation, tree generation, and perlin noise terrain. These past two weeks we have also put the terrain and water parts together into one project and are currently working on integrating the rest of the parts as well.

Past Two Weeks Accomplishments

- Trevor Nemes: In the past two weeks I have been working on integrating my tree generation code with the master branch of our project.
- Tyler Hassfield: Over the past couple of weeks I finalized the movement/physics and then merged it with the terrain, tree, and water features.
- Akhilesh Ratnakumar: I helped my teammates in trying to understand their code and help merge a few of their parts with mine.

- Zian Li: Implemented a sphere structure to represent the sun. Improved my current sky algorithm to generate clouds.

Individual Contributions

NAME	Individual Contributions	Hours last two weeks	HOURS cumulative
Trevor Nemes	Integrating my branch into the master branch	8	43
Tyler Hassfield	Merged movement with the master branch	15	44
Opeyemi Abass	Worked on code	2	20
Aashu Mallik	Worked on code	2	43
Akhilesh Ratnakumar	Helped clarify my code with regards to merging other parts of the project with mine	3	18.5
Zian Li	Created a sphere to represent sun	2	17

Plans for the upcoming two weeks
- Trevor Nemes: In the upcoming two weeks, I plan on trying my best to finish integrating my tree generation code with the master branch project so that it works as planned with no major bugs.
- Tyler Hassfield: I plan to adjust/debug the movement as the project comes together so that it is smoother and easier to use. I also plan to begin working on menus/user interface.
- Akhilesh Ratnakumar: In the upcoming weeks, I plan to work on linking the movement controls to the terrain so that it seems like the user is moving on the terrain depending on its x, y and z coordinates. I also plan to help merge the other parts of the project if needed.
- Zian Li: merge my existing code with the team.

Summary of weekly advisor meetings
Over the last two weeks, we have had two meetings, one each week. In both of them we each shared the progress we have made in integrating each of our parts into one master branch.

After that, we then talked about what we each plan on doing the following week after each meeting, leading up to our next meeting. We also talked to our client at each meeting to make sure he is happy with what we have so far and where we are so far in terms of the project requirements. Our client has been happy with our progress so far this semester. We also talked a little about some bugs we were all running into while trying to integrate all of our code into one master branch, we have since gotten everything solved.